



ABSTRACT OF THE DISCLOSURE

A nut cold cutter devise is used in the assembly and maintenance of semi-autogenous grinding mills for large-scale mining. The device includes a front body, a back body and a hydraulic cylindrical chamber located between the front and back bodies. The front body has a defined cavity in which there is a movable cutting tool and a fixed cutting tool. The nut to-be-cut is positioned in the space located between the two cutting tools. The hydraulic cylindrical chamber contains a push piston that is sealed to the inside of said hydraulic cylindrical chamber with watertight joints. The push piston is attached to a toolholder axis and the movable cutting tool is attached to the front end of the toolholder axis.